

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/715,164
				Filing Date	November 17, 2003
				First Named Inventor	Richard Watson
				Art Unit	3761
				Examiner Name	Bogart, Michael G.
Sheet	1	of	5	Attorney Docket Number	VAC.785A.US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	1355846	10-19-1920	Rannells	Figs. 1,2
	2	2547758	04-03-1951	Keeling	Fig. 2
	3	2632443	03-24-1953	Lesher	Figs. 1-3
	4	2682873	07-06-1954	Evans et al.	Fig. 2
	5	2910763	11-03-1959	Lauterbach	
	6	2969057	01-24-1961	Simmons	Figs. 1-6
	7	3066672	12-04-1962	Crosby, W.H. Jr., et al	
	8	3367332	02-06-1968	Groves	Figs. 1, 4
	9	3520300	07-14-1970	Flower, Guiles, Jr.	
	10	3568675	03-09-1971	Harvey	
	11	3648692	03-14-1972	Wheeler	Fig. 1
	12	3682180	08-08-1972	McFarlane	Fig. 3
	13	3826254	07-30-1974	Mellor	Fig. 2
	14	4080970	03-28-1978	Miller	Column 1 - Column 3
	15	4096853	06-27-1978	Weigand	Column 3, Lines 2-20
	16	4139004	02-13-1979	Gonzalez, Jr.	Column 4
	17	4165748	08-28-1979	Johnson	Fig. 2
	18	4184510	01-22-1980	Murry et al.	
	19	4233969	11-18-1980	Lock, et al	
	20	4245630	01-20-1981	Lloyd et al.	Fig.1
	21	4256109	03-17-1981	Nichols	
	22	4261363	04-14-1981	Russo	Figs. 1, 4, 5
	23	4275721	06-30-1981	Olson	Fig. 1
	24	4284079	08-18-1981	Adair	Fig. 3
	25	4297995	11-03-1981	Golub	Fig. 1
	26	4333468	06-08-1982	Geist	Fig. 2, 4
	27	4373519	02-15-1983	Errede, et al	Column 4
	28	4382441	05-10-1983	Svedman	Figs. 3-5
	29	4392853	07-12-1983	Muto	Fig.11
	30	4392858	07-12-1983	George, et al	Column 3, Lines 5-58
	31	4419097	12-06-1983	Rowland	Fig.8
	32	4465485	08-14-1984	Kashmer et al.	
	33	4475909	10-09-1984	Eisenberg	Figs. 1, 3, 6
	34	4480638	11-06-1984	Schmid	Figs. 2, 3
	35	4525166	06-25-1985	Leclerc	Column 5-6
	36	4525374	06-25-1985	Vaillancourt	
	37	4540412	09-10-1985	Van Overloop	Column 2
	38	4543100	09-24-1985	Brodsky	Fig. 4
	39	4548202	10-22-1985	Duncan, Robert B.	
	40	4551139	11-05-1985	Plaas, et al	C1, L 66 - C2, L68
	41	4569348	02-11-1986	Hasslinger	C2, L50 - C4, L 27
	42	4605399	08-12-1986	Weston et al.	Fig. 3
	43	4608041	08-26-1986	Nielson	
	44	4640688	02-03-1987	Hauser	Fig. 2
	45	4655754	04-07-1987	Richmond et al.	Column 1, Line 39-44
	46	4664662	05-12-1987	Webster	

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47	4710165	12-01-1987	McNeil, C.B., et al	
48	4733659	03-29-1988	Edenbaum, et al	Fig. 1
49	4743232	05-10-1988	Kruger	Figs. 2-4
50	4758220	07-19-1988	Sundblom, L., et al	
51	4787888	11-29-1988	Fox	Figs. 1, 4-6
52	4826494	05-02-1989	Richmond et al.	Column 1
53	4838883	06-13-1989	Matsuura	Fig. 7
54	4840187	06-20-1989	Brazier	Column 2, Line 34-42
55	4863449	09-05-1989	Therriault, et al	Column 3, Line 45-68
56	4872450	10-10-1989	Austad	Column 3-4
57	4878901	11-07-1989	Sachse	
58	4897081	01-30-1990	Poirier et al.	C3, L25 - C4
59	4906233	03-06-1990	Moriuchi et al.	Abstract
60	4906240	03-06-1990	Reed et al.	Fig. 1
61	4919654	04-24-1990	Kalt et al.	Column 3, Line 8-39
62	4941882	07-17-1990	Ward et al.	Column 3, Line 38-64
63	4953565	09-04-1990	Tachibana et al.	Fig. 1
64	4969880	11-13-1990	Zamierowski	Figs. 1-10
65	4985019	01-15-1991	Michelson	Column 1, Line 47-58
66	5037397	08-06-1991	Kalt et al.	Figs. 1, 2, 4, 6
67	5086170	02-04-1992	Luheshi, A., et al	
68	5092858	03-03-1992	Benson, C.D., et al	
69	5100396	03-31-1992	Zamierowski	Figs. 1-10
70	5134994	08-04-1992	Say, Sam L.	
71	5149331	09-22-1992	Ferdman, et al	Column 2, Line 12-34
72	5167613	12-01-1992	Karami et al.	Figs. 4-5
73	5176663	01-05-1993	Svedman et al	C1, L55 - C2, L8
74	5215522	06-01-1993	Page, Larry E., et al	
75	5232453	08-03-1993	Plass et al.	Fig. 2, 5
76	5261893	11-16-1993	Zamierowski	Figs. 1, 13, 16
77	5278100	01-11-1994	Doan, T, et al	
78	5279550	01-18-1996	Habib, Magdi, et al	
79	5298015	03-29-1994	Komatsuzaki et al.	Abstract
80	5342376	08-30-1994	Ruff, Gregory L.	
81	5344415	09-06-1994	DeBusk, et al	Column 2, Line 9-42
82	5358494	10-25-1994	Svedman	Column 2, Line 34-47
83	5437622	08-01-1995	Carion, Jean-Pierre	
84	5437651	08-01-1995	Todd, R., et al	
85	5527293	06-18-1996	Zamierowski	C11, L 62 - C12, L37
86	5549584	08-27-1996	Gross, James R.	
87	5556375	09-17-1996	Ewall	C3, L62 - C4, L65
88	5607388	03-04-1997	Ewall	Column 3-4
89	5636643	06-10-1997	Argenta et al.	C6, Lines 18-64
90	5645081	07-08-1997	Argenta et al.	C4, L28 - C5, L22
91	6071267	06-06-2000	Zamierowski	Figs. 1-3
92	6135116	10-24-2000	Vogel et al.	Column 9
93	6241747	06-05-2001	Ruff, Gregory L.	
94	6287316	09-11-2001	Agarwal et al	
95	6345623 B1	02-12-2002	Heaton, K., et al	
96	6488643	12-03-2002	Turney et al.	

Examiner Signature		Date Considered	
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.S./

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	97	6493568	12-10-2002	Bell et al.	
	98	6553998	04-29-2003	Heaton, K., et al.	
	99	6814079	11-09-2004	Heaton, K., et al.	
	100	20020077661	06-20-2002	Saadat, Vahid	
	101	20020115951 A1	08-22-2002	Norstrem et al.	
	102	20020120185 A1	08-29-2002	Johnson	Fig. 3
	103	20020143286 A1	10-03-2002	Tumey	Paragraph 26

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	AU-550575-A1	08-26-1982	Wright	P.4, lines 7-10	
	2	AU-745271	04-05-1999	Heaton, K., et al		
	3	AU-755496	02-14-2002	Heaton, K., et al		
	4	CA-2005436	06-30-1990	Kalt, Glenda G.		
	5	DE-26 40 413 A1	03-09-1978	Wurster, Helmut		
	6	DE-295 04 378 U1	10-26-1995	MTG		
	7	DE-43 06 478 A1	09-08-1994	Wagner, W.		
	8	EP-0100148 A1	02-08-1984	Naylor, et al	Abstract	
	9	EP-0117632 A2	09-05-1984	McCracken, et al		
	10	EP-0161865 A2	11-21-1985	Ward		
	11	EP-0358302 A2	03-14-1990	Wood, James		
	12	EP-1018967 B1	08-18-2004	Heaton, K., et al		
	13	GB-692,578	06-10-1953	Minnesota Mining & Manufa		
	14	GB 2 195 255 A	04-07-1988	Thorn et al.		
	15	GB-2 197 789 A	06-02-1988	Hannam, P., et al		
	16	GB-2 220 357 A	01-10-1990	Wood, James Michael		
	17	GB-2 235 877 A	03-20-1991	Talluri, Antonio		
	18	GB-2 333 965 A	08-11-1999	Heaton, K., et al		
	19	GB-2 329 127 B	08-16-2000	Heaton, K., et al		
	20	JP4129536	04-30-1992	Terumo Corp.	Abstract	
	21	SG-71559	04-16-2002	Heaton, K., et al		
	22	WO 80/02182	10-16-1980	Moss, James		
	23	WO 87/04626	08-13-1987	Osmond		
	24	WO 90/010424	09-20-1990	Smith et al.		
	25	WO 93/009727	05-27-1993	Argenta et al.		
	26	WO 94/020041	09-15-1994	Argenta et al.		
	27	WO 96/05873	02-29-1996	Lina, et al		
	28	WO 97/18007	05-22-1997	Hunt, et al		
	29	WO 99/13793	03-25-1999	Heaton, K., et al		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	N.A. Bagautdinov, "Variant of External Vacuum Aspiration in the Treatment of Purulent Diseases of the Soft Tissues," <i>Current Problems in Modern Clinical Surgery: Interdepartmental Collection</i> , edited by V. Ye Volkov et al. (Chuvashia State University, Cheboksary, U.S.S.R. 1986); pp. 94-96 (copy and certified translation)	
	2	LOUIS C. ARGENTA, MD and MICHAEL J. MORYKWAS, PhD; "Vacuum-Assisted Closure: A New Method for Wound Control and Treatment: Clinical Experience"; <i>Annals of Plastic Surgery</i> , Vol. 38, No. 6, June 1997; pp. 563-576	
	3	SUSAN MENDEZ-EASTMEN, RN; "When Wounds Won't Heal" RN January 1998, Volume 61 (1); Medical Economics Company, Inc., Montvale, NJ, USA; pp. 20-24	
	4	JAMES H. BLACKBURN, II, MD, et al; "Negative-Pressure Dressings as a Bolster for Skin Grafts"; <i>Annals of Plastic Surgery</i> , Volume 40, No. 5, May 1998, pages 453-457	
	5	JOHN MASTERS; "Reliable, Inexpensive and Simple Suction Dressings"; Letter to the Editor, <i>British Journal of Plastic Surgery</i> , 1998, Volume 51 (3), page 267; Elsevier Science/The British Association of Plastic Surgeons, UK	
	6	S.E. GREER, et al "The Use of Subatmospheric Pressure Dressing Therapy to Close Lymphocutaneous Fistulas of the Groin" <i>British Journal of Plastic Surgery</i> (2000), 53, pp. 484-487	
	7	GEORGE V. LETSOU, MD., et al; "Stimulation of Adenylate Cyclase Activity in Cultured Endothelial Cells Subjected to Cyclic Stretch"; <i>Journal of Cardiovascular Surgery</i> , 31, 1990, pp. 634-639	
	8	ORRINGER, JAY, et al; "Management of Wounds in Patients with Complex Enterocutaneous Fistulas"; <i>Surgery, Gynecology & Obstetrics</i> , July 1987, Vol. 165, pp. 79-80	
	9	International Search Report for PCT International Application PCT/GB95/01983; November 23, 1995	
	10	PCT International Search Report for PCT International Application PCT/GB98/02713; January 8, 1999	
	11	PCT Written Opinion; PCT International Application PCT/GB98/02713; June 8, 1999	
	12	PCT International Examination and Search Report, PCT International Application PCT/GB96/02802; Jan. 15, 1998 & April 29, 1997	
	13	PCT Written Opinion, PCT International Application PCT/GB96/02802; Sept. 3, 1997	
	14	DATTILO, PHILIP P., JR., et al; "Medical Textiles: Application of an Absorbable Barbed Bi-directional Surgical Suture"; <i>Journal of Textile and Apparel, Technology and Management</i> , Volume 2, Issue 2, Spring 2002, pp.: 1-5	
	15	KOSTYUCHENOK, B.M., et al; "Vacuum Treatment in the Surgical Management of Purulent Wounds"; <i>Vestnik Khirurgi</i> , September 1986, pp. 18-21 and 6 page English translation thereof.	
	16	DAVYDOV, YU. A., et al; "Vacuum Therapy in the Treatment of Purulent Lactation Mastitis"; <i>Vestnik Khirurgi</i> , May 14, 1986, pp.: 66-70, and 9 page English translation thereof.	
	17	YUSUPOV, YU. N., et al; "Active Wound Drainage", <i>Vestnik Khirurgi</i> , Vol. 138, Issue 4, 1987, and 7 page English translation thereof.	
	18	DAVYDOV, YU. A., et al; "Bacteriological and Cytological Assessment of Vacuum Therapy for Purulent Wounds"; <i>Vestnik Khirurgi</i> , Oct 1988, pp.: 48-52, and 8 page English translation thereof.	
	19	DAVYDOV, YU. A., et al; "Concepts for the Clinical-Biological Management of the Wound Process in the Treatment of Purulent Wounds by Means of Vacuum Therapy"; <i>Vestnik Khirurgi</i> , July 7, 1980, pp.: 132-136, and 8 page English translation thereof.	

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20	CHARIKER, MARK E., M.D., et al; "Effective Management of incisional and cutaneous fistulae with closed suction wound drainage"; <i>Contemporary Surgery</i> , Vol 34, June 1989, pp.:59-63	
21	Egnell Minor, Instruction Book, First Edition, 300 7502, February 1975, pp. 24	
22	Egnell Minor: Addition to the Users Manual Concerning Overflow Protection - Concerns all Egnell Pumps, February 3, 1983, pp. 2	
23	SVEDMAN, P.: "Irrigation Treatment of Leg Ulcers", <i>The Lancet</i> , September 3, 1983, pp. 532-534	
24	CHINN, Steven D. et al.: "Closed Wound Suction Drainage", <i>The Journal of Foot Surgery</i> , Vol. 24, No. 1, 1985, pp. 76-81	
25	ARNLJOTS, Björn et al.: "Irrigation Treatment in Split-Thickness Skin Grafting of Intractable Leg Ulcers", <i>Scand J. Plast Reconstr. Surg.</i> , No. 19, 1985, pp. 211-213	
26	SVEDMAN, P.: "A Dressing Allowing Continuous Treatment of a Biosurface", <i>IRCS Medical Science: Biomedical Technology, Clinical Medicine, Surgery and Transplantation</i> , Vol. 7, 1979, p. 221	
27	SVEDMAN, P. et al.: "A Dressing System Providing Fluid Supply and Suction Drainage Used for Continuous or Intermittent Irrigation", <i>Annals of Plastic Surgery</i> , Vol. 17, No. 2, August 1986, pp. 125-133	
28	K.F. Jeter, T.E. Tittle, and M. Chariker, "Managing Draining Wounds and Fistulae: "New and Established Methods," <i>Chronic Wound Care</i> , edited by D. Krasner (Health Management Publications, Inc., King of Prussia, PA 1990), pp. 240-246.	
29	G. Živadinović, V. Đukić, Ž. Maksimović, Đ. Radak, and P. Peška, "Vacuum Therapy in the Treatment of Peripheral Blood Vessels," <i>Timok Medical Journal</i> 11 (1986), pp. 161-164 (copy and certified translation).	
30	F.E. Johnson, "An Improved Technique for Skin Graft Placement Using a Suction Drain," <i>Surgery, Gynecology, and Obstetrics</i> 159 (1984), pp. 584-585.	
31	A.A. Safronov, Dissertation Abstract, <i>Vacuum Therapy of Trophic Ulcers of the Lower Leg with Simultaneous Autoplasty of the Skin</i> (Central Scientific Research Institute of Traumatology and Orthopedics, Moscow, U.S.S.R. 1967) (copy and certified translation).	
32	M. Schein, R. Saadia, J.R. Jamieson, and G.A.G. Decker, "The 'Sandwich Technique' in the Management of the Open Abdomen," <i>British Journal of Surgery</i> 73 (1986), pp. 369-370.	
33	D.E. Tribble, "An Improved Sump Drain-Irrigation Device of Simple Construction," <i>Archives of Surgery</i> 105 (1972) pp. 511-513.	
34	M.J. Morykwas, L.C. Argenta, E.I. Shelton-Brown, and W. McGuirt, "Vacuum-Assisted Closure: A New Method for Wound Control and Treatment: Animal Studies and Basic Foundation," <i>Annals of Plastic Surgery</i> 38 (1997), pp. 553-562 (Morykwas I).	
35	C.E. Tennants, "The Use of Hyperemia in the Postoperative Treatment of Lesions of the Extremities and Thorax," <i>Journal of the American Medical Association</i> 64 (1915), pp. 1548-1549.	
36	Selections from W. Meyer and V. Schmieden, <i>Bier's Hyperemic Treatment in Surgery, Medicine, and the Specialties: A Manual of Its Practical Application</i> , (W.B. Saunders Co., Philadelphia, PA 1909), pp. 17-25, 44-64, 90-96, 167-170, and 210-211.	

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